BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work: Construction of RCC drain at Kenchenahalli and Nagenahalli layout ISRO layout Harohalli and surrounding areas in chowdeshwari ward no -02 of yelahanka Sub division

JOB NUMBER.: | Go No-01 | Est. Amount = | 200.00 | Lakhs

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate In Rs.	Amount In Rs.
1	Removing and resetting of footpath slab								
	KPWD S.R 2018-19	It. No.	21.7.		Pg.No	158			
	RRS Cover Slab								
	ISRO Layout								
	1st Main Road		1	9.00	0.90		8.10		
	5th Main road		1	160.00	0.60		96.00		
	6th Main Road		1	31.00	0.90		27.90		
	2nd Main Road	Sqm	1	131.00	0.60		78.60		
	Nagenahalli Layout								
	2nd Cross Road Right side		2	28.00	0.90		50.40		
	2nd Cross Road Left side		2	21.00	0.90		37.80		
	3rd Cross Road Right side		2	23.00	0.90		41.40		
	3rd Cross Road Left side		2	23.00	0.90		41.40		
						Total Qty	381.60	208.82	79,685.71
2	KSRRB300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.								
	KPWD S.R 2018-19	It. No.	19.10		Pg.No.	130			
	CC Drain								
	ISRO Layout								
	1st Main Road		1	360.00	1.00	0.90	324.00		
	3rd main road		1	60.00	1.00	0.90	54.00		
	4th main road		1	168.00	1.00	0.90	151.20		
	5th Main road		2	163.00	1.00	0.80	260.80		
	6th Main Road		1	130.00	1.00	0.80	104.00		
	7th 'C' Cross		1	32.00	1.00	0.80	25.60		
	2nd Main Road		1	167.00	1.00	0.80	133.60		
	8th Cross		2	86.00	1.00	0.80	137.60		
	Nagenahalli Layout								
	Main Road		2	109.00	1.00	0.90	196.20		
	1st Cross Road		2	37.00	1.00	0.80	59.20		
	2nd Cross Road Right side		2	37.00	1.00	0.80	59.20		
	2nd Cross Road Left side		2	21.00	1.00	0.85	35.70		
	3rd Cross Road Right side		2	37.00	1.00	0.80	59.20		
	3rd Cross Road Left side		2	23.00	1.00	0.80	36.80		
	New Kerb								
	ISRO Layout								
	1st Main Road		1	360.00	0.20	0.10	7.20		
	8th Cross		2	71.00	0.20	0.10	2.84		
	Nagenahalli Layout								
	Main Road		2	109.00	0.20	0.10	4.36		
	1st Cross Road		2	37.00	0.20	0.10	1.17		
	2nd Cross Road Right side		2	37.00	0.20	0.10	1.17		
	2nd Cross Road Left side		2	21.00	0.20	0.10	0.84		
	3rd Cross Road Right side		2	20.00	0.20	0.10	0.80		
	New Culvert								
	Cross Road		3	7.30	1.50	1.00	32.85		
						Total Qty	1688.33	211.79	357,568.03
3	KSRB 4-1.2 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications.								
	KPWD S.R 2018-19	It. No.	4.20		Pg.No.	13			
	CC Drain								
	ISRO Layout								
	1st Main Road		1	360.00	1.00	0.15	54.00		

Bruhat Bangalore Mahanagara Palike

(BBMP) Yelk. Zn
Yelahanka, Bangalore

AEE

4th main road		1		60.00	1.00	0.15	9.00		
5th Main road		1		168.00	1.00	0.15	25.20		
6th Main Road		2		163.00	1.00	0.15	48.90		
7th 'C' Cross		1		130.00	1.00	0.15	19.50		
2nd Main Road		1		32.00	1.00	0.15	4.80		
8th Cross		1		167.00	1.00	0.15	25.05		
Nagenahalli Layout		2		86.00	1.00	0.15	25.80		
Main Road									
1st Cross Road		2		109.00	1.00	0.10	21.80		
2nd Cross Road Right side		2		37.00	1.00	0.10	7.58		
2nd Cross Road Left side		2		37.00	1.00	0.10	7.58		
3rd Cross Road Right side		2		21.00	1.00	0.10	4.20		
3rd Cross Road Left side		2		37.00	1.00	0.10	7.58		
New Kerb		2		23.00	1.00	0.10	4.61		
ISRO Layout									
1st Main Road									
8th Cross		1		360.00	0.20	0.10	7.20		
Nagenahalli Layout		2		71.00	0.20	0.10	2.88		
Main Road									
1st Cross Road		2		109.00	0.20	0.10	4.36		
2nd Cross Road Right side		2		37.00	0.20	0.10	1.48		
2nd Cross Road Left side		2		37.00	0.20	0.10	1.48		
3rd Cross Road Right side		2		21.00	0.20	0.10	0.84		
New Culvert		2		20.00	0.20	0.10	0.80		
Cross Road									
		3		7.30	1.50	0.10	3.29		
						Total Qty	287.93	5505.64	1,585,236.93
4	KSRRB M2200-6 Providing TMT Bars Fe 500 steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.								
KPWD S.R 2018-19		It. No.		28.8.2		Pg No	229		
One cubic mt 60kg For CC Drain		T		1		38.17	38.17		
One cubic mt 90kg For Culvert				1		1.22	1.22		
						Total Qty	39.39	72326.98	2,848,959.74
5	Providing and laying plain/reinforced cement concrete for side drains Wall & bottom thickness 15cm using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500,1700, 2200. including cost of materials, labour, HOM complete as per specifications.								
KPWD S R 2018-19		It. No.		37.59.1		Pg No.	271		
CC Drain									
Bottom Raft									
ISRO Layout									
1st Main Road			1		360.00	0.90	0.15	48.60	
3rd main road			1		60.00	0.90	0.15	8.10	
4th main road			1		168.00	0.90	0.15	22.68	
5th Main road			2		163.00	0.90	0.15	44.01	
6th Main Road			1		130.00	0.90	0.15	17.55	
7th 'C' Cross			1		32.00	0.90	0.15	4.32	
2nd Main Road			1		167.00	0.90	0.15	22.55	
8th Cross			2		86.00	0.90	0.15	23.22	
Nagenahalli Layout									
Main Road			2		109.00	0.90	0.15	29.43	
1st Cross Road			2		37.00	0.90	0.15	9.99	
2nd Cross Road Right side			2		37.00	0.90	0.15	9.99	
2nd Cross Road Left side			2		21.00	0.90	0.15	5.67	
3rd Cross Road Right side			2		37.00	0.90	0.15	9.99	
3rd Cross Road Left side			2		23.00	0.90	0.15	6.21	
Side Wall		Cum							
1st Main Road			2		360.00	0.15	0.60	64.80	
3rd main road			2		60.00	0.15	0.60	10.80	
4th main road			2		168.00	0.15	0.65	32.76	
5th Main road			4		163.00	0.15	0.65	63.57	
6th Main Road			2		130.00	0.15	0.65	25.35	

(BBMP Ynk. Zn)
Yelahanka, Bangalore

AEE

Description of Work	Unit	No	Dimension L	B	D	Quantity	In Rs.	In Rs.
7th 'C' Cross		2	32.00	0.15	0.65	6.24		
2nd Main Road		2	167.00	0.15	0.65	32.57		
8th Cross		4	86.00	0.15	0.65	33.54		
Nagenahalli Layout								
Main Road								
1st Cross Road		4	109.00	0.15	0.65	42.51		
2nd Cross Road Right side		4	37.00	0.15	0.65	14.43		
2nd Cross Road Left side		4	37.00	0.15	0.65	14.43		
3rd Cross Road Right side		4	21.00	0.15	0.65	8.22		
3rd Cross Road Left side		4	37.00	0.15	0.70	15.54		
New Culvert		4	23.00	0.15	0.65	8.97		
Bottom Raft								
Side Wall		3 1	7.30	1.20	0.23	6.04		
		3 2	7.30	0.23	0.75	7.56		
					Total Qty	649.63	7070.20	4,593,014.03
6 Supplying and fixing precast reinforced concrete slab 10 cm thick of mix M20 using 20mm and downsize graded granite metal using reinforcement 10mm dia steel at 150mm C/c both ways cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of cost of all materials(data Rate enclosed)								
Approval Data Rate								
Cover Slab								
Cover Slab for Damaged Portion								
ISRO Layout								
1st Main Road		1	360.00	0.90		324.00		
3rd main road		1	60.00	0.90		54.00		
4th main road		1	168.00	0.90		151.20		
5th Main road		2	163.00	0.90		293.40		
6th Main Road		1	130.00	0.90		117.00		
7th 'C' Cross		1	32.00	0.90		28.80		
2nd Main Road		1	165.00	0.90		148.50		
8th Cross	Sqm	2	80.00	0.90		144.00		
Nagenahalli Layout								
Main Road		2	109.00	0.90		196.20		
1st Cross Road		2	37.00	0.90		66.60		
2nd Cross Road Right side		2	37.00	0.90		66.60		
2nd Cross Road Left side		2	21.00	0.90		37.80		
3rd Cross Road Right side		2	37.00	0.90		66.60		
3rd Cross Road Left side		2	23.00	0.90		41.40		
						1736.10		
Deduct Available 30% slabs						520.83		
					Total Qty	1215.00	2337.00	2,839,455.00
7 Providing and laying Pre Cast Drain Cover slabs of 250mm thick of mix M20 using graded granite jelly 20mm down size with steel reinforcement, including from work, lift charges, curing and concrete finished surfaces on both side etc. complete and as per drawing and direction of Engineer-in-charge of work (data Rate enclosed)								
Approval Data Rate								
New Culvert								
	Sqm	3	7.30	1.50		32.85		
					Total Qty	32.85	5418.00	177,981.30
8 Providing and fixing Pre cast solid concrete kerb stones of size 450 x 200 x 400 mm made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete.								
KPWD S.R 2018-19	It. No.	5.29.1.		Pg No.	27			
New Kerb								
ISRO Layout								
1st Main Road		1	360.00			360.00		
8th Cross		2	71.00			142.00		
Nagenahalli Layout								
Main Road	Nos	2	109.00			218.00		
1st Cross Road		2	37.00			74.00		
2nd Cross Road Right side		2	37.00			74.00		
2nd Cross Road Left side		2	21.00			42.00		
3rd Cross Road Right side		2	20.00			40.00		
						950.00		
					Total Qty	2112.00	477.00	1,007,424.00

Yelahanka, Bangalore

Bruhat Bangalore Mahanagara Palike

AEE

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate In Rs.	Amount In Rs.
9	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.								
KPWD S.R 2018-19		It. No.	24.1.			Pg.No.	180		
New Kerb									
ISRO Layout									
1st Main Road									
8th Cross		Sqm	1		360.00		0.50	180.00	
Nagenahalli Layout			2		71.00		0.50	71.00	
Main Road									
1st Cross Road			2		109.00		0.50	109.00	
2nd Cross Road Right side			2		37.00		0.50	37.00	
2nd Cross Road Left side			2		37.00		0.50	37.00	
3rd Cross Road Right side			2		21.00		0.50	21.00	
			2		20.00		0.50	20.00	
							Total Qty	**475.00**	**84.80**	**40,280.00**
10	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and as per directoins of the Engineer in charge of work.								
KPWD S.R 2018-19		It. No.	21.6			Pg.No.	158		
ISRO layout									
1st Main Road			2		311.00	4.50		2799.00	
2nd Main Road			1		170.00	5.50		935.00	
5th Main Road			1		170.00	5.50		935.00	
Nagenahalli layout									
Main road			1		134.00	6.00		804.00	
1st Cross Road		Sqm	1		35.00	5.50		192.00	
2nd Cross Road Right Side			1		35.00	5.40		189.00	
2nd Cross Road Left Side			1		20.00	5.40		108.00	
3rd Cross Road Right Side			1		35.00	5.40		189.00	
3rd Cross Road Left Side			1		20.00	5.50		110.00	
Approch Road (Main Road)			2		14.00	5.50		154.00	
							Total Qty	**6415.00**	**33.92**	**217,596.80**
11	KSRRB 500-2. Cleaning the existing black topped surface with Sqm brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications. Clause 501 of MORTH V revision								
KPWD S.R 2018-19		It. No.	21.20			Pg.No.	158		
Cleaning									
ISRO layout									
1st Main Road			2		311.00	4.50		2799.00	
2nd Main Road			1		170.00	5.50		935.00	
5th Main Road			1		170.00	5.50		935.00	
Nagenahalli layout									
Main road			1		134.00	6.00		804.00	
1st Cross Road		Sqm	1		35.00	5.50		192.00	

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate In Rs.	Amount In Rs.
	2nd Cross Road Right Side		1	35.00	5.40		189.00		
	2nd Cross Road Left Side		1	20.00	5.40		108.00		
	3rd Cross Road Right Side		1	35.00	5.40		189.00		
	3rd Cross Road Left Side		1	20.00	5.50		110.00		
	Approch Road (Main Road)		2	14.00	5.50		154.00		
						Total Qty	**6415.00**	**5.30**	**33,999.50**
12	KSRRB M500-17. Providing and laying Dense Graded Bituminous Macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications. MORTH Specification No. 507. Using 100/120 TPH capacity HMP with sensor paver Gr-II (50 mm to 75mm) with 4.5% VG-30 Bitumen.								
	KPWD S.R 2018-19	It. No.	21.17.2		Pg.No.	160			
	DBM For Road								
	Consider DBM for Profile Correction 15%	cum							
			1	6415.00	0.15	0.05	48.11		
						Total Qty	**48.11**	**7620.34**	**366,614.56**
13	KSRRB M500-10. Providing and applying tack coat using 80/100 grade Sqm bitumen(VGIO) in boiler fitted with spray set distributor at the rate of 0.25 kg per sqm on the existing prepared bituminous surface (primed surface) cleaned with mechanical broom, complete as per specifications. Clause 503 of MORTH V revision								
	KPWD S.R 2018-19	It. No.	21.7.		Pg No.	158			
	BC Road								
	ISRO layout								
	1st Main Road		2	311.00	4.50		2799.00		
	2nd Main Road		1	170.00	5.50		935.00		
	5th Main Road		1	170.00	5.50		935.00		
	Nagenahalli layout								
	Main road		1	134.00	6.00		804.00		
	1st Cross Road	Sqm	1	35.00	5.50		192.00		
	2nd Cross Road Right Side		1	35.00	5.40		189.00		
	2nd Cross Road Left Side		1	20.00	5.40		108.00		
	3rd Cross Road Right Side		1	35.00	5.40		189.00		
	3rd Cross Road Left Side		1	20.00	5.50		110.00		
	Approch Road (Main Road)		2	14.00	5.50		154.00		
						Total Qty	**6415.00**	**12.72**	**81,598.80**

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate In Rs.	Amount In Rs.
14	Providing and laying bituminous concrete 40mm thick with hot mix plant, using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminous binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic) crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015								
	KPWD S.R 2018-19	It. No.	21.78.12			Pg.No.	171			
	BC Road									
	ISRO layout									
	1st Main Road		2		311.00	4.50	0.04	111.96		
	2nd Main Road		1		170.00	5.50	0.04	37.40		
	5th Main Road		1		170.00	5.50	0.04	37.40		
	Nagenahalli layout									
	Main road		1		134.00	6.00	0.04	32.16		
	1st Cross Road	Sqm	1		35.00	5.50	0.04	7.70		
	2nd Cross Road Right Side		1		35.00	5.40	0.04	7.56		
	2nd Cross Road Left Side		1		20.00	5.40	0.04	4.30		
	3rd Cross Road Right Side		1		35.00	5.40	0.04	7.56		
	3rd Cross Road Left Side		1		20.00	5.50	0.04	4.40		
	Approch Road (Main Road)		2		14.00	5.50	0.04	6.16		
							Total Qty	**256.60**	**8699.42**	**2,232,271.17**
15	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803									
	KPWD S.R 2018-19	It. No.	24.15			Pg.No.	182			
	ISRO layout									
	1st Main Road		3		311.00	0.15		139.95		
	2nd Main Road		3		170.00	0.15		76.50		
	5th Main Road		3		170.00	0.15		76.50		
	Nagenahalli layout									
	Main road		3		134.00	0.15		60.35		
	1st Cross Road		3		35.00	0.15		15.75		
	2nd Cross Road Right Side		3		35.00	0.15		15.75		
	2nd Cross Road Left Side		3		20.00	0.15		9.00		
	3rd Cross Road Right Side		2		29.00	0.15		8.70		

(BBMP) Civil Division

Sl. No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount In Rs.
	3rd Cross Road Left Side		2	20.00	0.15		6.00		
						Total Qty	408.50	454.74	185,761.29
16	KSRRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/ NH/33023/10-97 - DO III Dt 11.06.1997. The height, width and length shall not exceed 50 mm, 100 mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 mm and height not less than 30 mm) from the body is to be a minimum value of 500 Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturer's recommendation and complete as directed by the engineer.								
	KPWD S.R 2018-19	It. No.	24.41.			Pg.No.	187		
	Road Both Side	Nos							
	ISRO layout								
	1st Main Road		3		60.00			180.00	
	2nd Main Road		3		37.00			111.00	
	5th Main Road		3		37.00			111.00	
	Nagenahalli layout								
	Main road		3		30.00			90.00	
	1st Cross Road		3		10.00			30.00	
	2nd Cross Road Right Side		3		10.00			30.00	
	2nd Cross Road Left Side		3		8.00			24.00	
	3rd Cross Road Right Side		2		7.00			14.00	
	3rd Cross Road Left Side		2		7.00			14.00	
							Total Qty	604.00	357.22	215,760.88
17	KSRRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/ NH/33023/10-97 - DO III Dt 11.06.1997. The height, width and length shall not exceed 50 mm, 100 mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 mm and height not less than 30 mm) from the body is to be a minimum value of 500 Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturer's recommendation and complete as directed by the engineer.								
	KPWD S.R 2018-19	It. No.	24.41			Pg No.	186		
	Edge lane	Nos							
	Road Both Side		2		1.60		0.9	2.88	
	Road Centre								
							Total Qty	2.88	1963.12	5,653.79
18	Direction and Place Identification Signs with size morethan 0.9 Size Board: Providing and erecting direction and place identification retro -reflectorised sign as per IRC:67 made of high i ntensity grade sheeting vide Clause 801.3, fixed over aluminium sheeting, 2 mm thick with area not exceeding 0.9 sqm supported on a mild steel single angle iron post 75 x 75 x 6 mm , 2 Nos. firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete 45 x 45 x 60 cm, 60 cm below ground level as per approved drawing.								
	KPWD S.R 2018-19	It. No.	24.4			Pg No.	180		
	Cross Roads	Sqm	4		0.90		0.9	3.24	
							Total Qty	3.24	7557.80	24,497.27
								Total Construction cost		16,893,350.88
								GST 12%		2,027,202.10
								Design Report,Proof Checking & PMC Amount		400,000.00
								Add KRIDL Charges 4%		675,734.03

Bruhat Bangalore Mahanagara Pali

Pub. Division

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate In Rs.	Amount In Rs.
								Sub Total	199,96,286.93
								Miscellaneous & Rounding Off	3,713.07
								Grand Total	200,00,000.00

Certificate:-

1. The workspot was inspected and work is found to be necessary
2. The area comes within the Bruhat Bangalore Mahanagara Palike Limits.
3. The rates adopted based on the PWD SR Bangalore Circle for year 2018-19
4. The provisions made in the estimate are necessary and essential

SRI SAI CONSULTANTS BANGALORE

Consultant
For Sri Sai Consultants

Assistant Engineer
Ward no. 02
BBMP - Bangalore

Assistant Executive Engineer
Yelahanka Sub Division
BBMP - Bangalore

Executive Engineer
Yelahanka Division
BBMP - Bangalore

Administrative Sanction for Rs. 200.00 lakhs
Two Crores only
is accorded under head P-3747
CM-Navanagarothana 110-villages
granted (Annexure-07
Registered as CE
Subject
to conditions contained
No EE/YNK/SE/2019-20 7/11/2019

Executive Engineer
Yelahanka Division
BBMP, Bangalore

Technical Sanction
Accorded For R&D w/l already
Head of A/C P 3747
CER NO 193 Dt 8.11.2019

TA CE (YNK)